

10/530941

JC13 Rec'd PCT/PTO 08 APR 2005

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: MOTOROLA, INC INT'L APPLICATION NO: PCT/EP2003/050798

CASE NO.: CE10098EP INT'L FILE DATE: NOVEMBER 7,
2003

ENTITLED: ITERATIVE DECODING WITH LIKELIHOOD WEIGHTING

Motorola, Inc.
Corporate Offices
1303 E. Algonquin Road
Schaumburg, Illinois 60196

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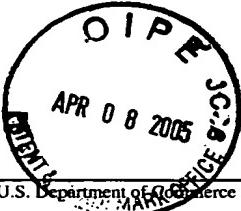
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| FORM PTO-1390 (REV 1-2003) | | U.S. Department of Commerce Patent and Trademark Office | | ATTORNEY'S DOCKET NUMBER CE10098EP |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | | | U.S. APPLICATION NO. 10/530941 |
| INTERNATIONAL APPLICATION NO. <u>PCT/EP2003/ 50798-1H</u> | INTERNATIONAL FILING DATE NOVEMBER 7, 2003 | | PRIORITY DATE CLAIMED NOVEMBER 7, 2002 | |
| TITLE OF INVENTION: ITERATIVE DECODING WITH LIKELIHOOD WEIGHTING | | | | |
| APPLICANT(S) FOR DO/EO/US NICHOLAS WHINNETT | | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | |
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input checked="" type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | | | |
| Items 11 to 20 below concern other document(s) or information included: | | | | |
| <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input type="checkbox"/> Other items or information: | | | | |

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|--|-------------------------------|--|------------|----------|
| U.S. Application No. (if known, see 37 CFR 1.5) | International Application No. | Attorney Docket Number | | |
| 10/530941 | PCT/EP2003/50798 <i>b</i> | CE10098EP | | |
| | | CALCULATIONS PTO USE ONLY | | |
| 21. <input checked="" type="checkbox"/> The following fees are submitted: | | | | |
| Basic National Fee (37 CFR 1.492(a)(1)-(5): | | | | |
| Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445 (a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO | | \$1060.00 | | |
| International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO | | \$ 900.00 | | |
| International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445 (a)(2)) paid to USPTO..... | | \$ 750.00 | | |
| International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33 (1) - (4) | | \$ 720.00 | | |
| Intentional preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) | | \$ 100.00 | | |
| ENTER APPROPRIATE BASIC FEE AMOUNT = | | \$ | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | \$ | | |
| Claims | Number Filed | Number Extra | Rate | |
| Total Claims | 26 - 20 = | 6 | X \$50.00 | \$300.00 |
| Independent Claims | 2 - 3 = | | X \$200.00 | \$0 |
| MULTIPLE DEPENDENT CLAIM(s) (if applicable) | | | +\$280.00 | \$ |
| TOTAL OF ABOVE CALCULATIONS = | | \$ | | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees above are reduced by HALF VARAD | | 00000012 502117 10530941 | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | 00000018 DRG: 502117 10530941 01 FC.164C 100.00 DA 02 PR.1633 200.00 DA + | | |
| TOTAL NATIONAL FEE = | | \$ | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | \$40.00 | | |
| TOTAL FEES ENCLOSED = | | \$ | | |
| | | Amount to be refunded: \$ | | |
| | | Charged: \$ | | |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. | | | | |
| b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>502117</u> in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | |
| c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>502117</u> . A duplicate copy of this sheet is enclosed. | | | | |
| d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information any authorization on PTO - 2038. | | | | |
| Note: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status. | | | | |
| Send all correspondence to: | | | | |
| Motorola, Inc. Intellectual Property Department 1303 E. Algonquin Road IL01-3rd Floor Schaumburg, Illinois 60196 | | | | |
| Brian M. Mancini Attorney for Applicant(s) Reg. No.: 39,288 Telephone: 847/576-5562 Fax No.: 847/576-3750 | | | | |